

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005397

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K45/00, 38/00, A61P3/10, 1/18, A61L27/38, C12Q1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K45/00, 38/00, A61P3/10, 1/18, A61L27/38, C12Q1/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Jitsuyo Shinan Toroku Koho	1996-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Toroku Jitsuyo Shinan Koho	1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS/MELINE/BIOSIS/EMBASE (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	CANTURK, Z. et al., Effects of rhG-CSF on neutrophil functions and bone marrow parameters in diabetic rats, Endocrine Research, 1999, Vol.25, No.3 and 4; pages 381 to 395 (abstract) CAPLUS [online]; CAPLUS Accession no. 2000:28442	1-9, 11-13 10
X Y	SATO, N. et al., Effect of granulocyte-colony stimulating factor on generation of oxygen-derived free radicals and myeloperoxidase activity in neutrophils from poorly controlled NIDDM patients, Diabetes, 1997, Vol.46, No.1, p. 133-7	1-9, 11-13 10

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 July, 2004 (26.07.04)

Date of mailing of the international search report

10 August, 2004 (10.08.04)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YAMAOKA, T. et al., Regeneration therapy of pancreatic β cells: Towards a cure for diabetes?, Biochemical and Biophysical Research Communications, 2002, Vol.296, No.5, pages 1039 to 1043	1-3

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<Subject of search>

In claims of the present case, compounds defined by a desired property "a stem cell mobilization factor" are described and these claims involve cases using any compounds having this property. However, it is recognized that only small part of the claimed compounds are disclosed in the meaning within PCT Article 5 and supported by the description in the meaning within PCT Article 6.

Even though the common technical knowledge at the point of the application is considered, the scope of compounds serving as "a stem cell mobilization factor" cannot be specified. Thus, the claims do not comply with the requirement of clearness in the meaning within PCT Article 6 too.

Such being the case, the search was made on the scope supported by the description and disclosed therein, i.e., the case using granulocyte colony stimulating factor.